# Program to swap two numbers

```
1  # Python program to swap two variables
2
3  x = 5
4  y = 10
5
6  # To take inputs from the user
7  #x = input('Enter value of x: ')
8  #y = input('Enter value of y: ')
9
10 # create a temporary variable and swap the values
11 temp = x
12 x = y
13 y = temp
14
15 print('The value of x after swapping:', x)
16 print('The value of y after swapping:', y)
17
```

# Output

```
The value of x after swapping: 10
The value of y after swapping: 5
```

# Swapping without temporary variable

```
1  # Python program to swap two variables without temporary variable
2
3  x = 5
4  y = 10
5
6  x, y = y, x
7  print("x =", x)
8  print("y =", y)
9
```